



weekly
statistical
bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 72

For Week Ended September 13, 1991

NO. 37

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/13/91	Last Week Ending: 09/06/91	Last Year Week Ending: 09/14/90	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,134	14,307	14,580	-173	-446
Operable capacity	15,708	15,708	15,516	0	192
Percent operated	90.0	91.1	94.0		
Motor Gasoline					
Total motor gasoline production	7,270	7,038	7,394	232	-124
Finished leaded motor gasoline production	286	288	443	-2	-157
Finished unleaded motor gasoline production	6,984	6,750	6,951	234	33
Total motor gasoline stocks	213,236	212,895	216,980	341	-3,744
Finished leaded motor gasoline stocks	6,753	6,569	10,497	184	-3,744
Finished unleaded motor gasoline stocks	168,904	168,492	166,433	412	2,471
Jet Fuel Kerosine					
Jet fuel kerosine production	1,344	1,424	1,432	-80	-88
Jet fuel kerosine stocks	44,284	43,312	42,589	972	1,695
Distillate Fuel Oil					
Distillate fuel oil production	3,107	3,074	3,009	33	98
Distillate fuel oil stocks	132,857	130,072	133,298	2,785	-441
Residual Fuel Oil					
Residual fuel oil production	884	912	1,040	-28	-156
Residual fuel oil stocks	46,171	46,516	49,346	-345	-3,175
Imports					
Crude oil imports	5,603	6,030	6,033	-427	-430
Product imports	1,573	1,963	2,172	-390	-599
Crude Oil Stocks					
Crude oil stocks	336,011	342,339	369,760	-6,328	-33,749
Crude Supply Balance	393				

*See definitions on page 6.



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For Week Ended September 13, 1991

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Processing Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,607	1,308	1,339	1,378	97.2
Appal. No. 1	111	101	102	130	78.5
DISTRICT 1 TOTAL	1,718	1,409	1,441	1,508	95.6
Ind., Ill., Ky.	2,102	2,101	2,101	2,235	94.0
Minn., Wisc., Daks.	325	312	313	358	87.4
Okla., Kans., Mo.	747	716	717	747	96.0
DISTRICT 2 TOTAL	3,174	3,129	3,131	3,340	93.7
Inland Texas	608	529	551	598	92.1
Texas Gulf Coast	3,228	2,882	2,895	3,370	85.9
La. Gulf Coast	2,647	2,540	2,541	2,944	86.3
N. La. and Ark.	172	169	169	241	70.1
New Mexico	90	79	80	82	97.6
DISTRICT 3 TOTAL	6,745	6,199	6,236	7,235	86.2
DISTRICT 4 TOTAL	507	483	483	557	86.7
DISTRICT 5 TOTAL	2,911	2,755	2,843	3,068	92.7
TOTAL U.S.	15,055	13,975	14,134	15,708	90.0
TOTAL U.S.					
Weeks Ended:					
SEP. 6, 1991	15,179	14,173	14,307	15,708	91.1
SEP. 14, 1990	15,555	14,377	14,580	15,516	94.0
DISTRICTS 1-4					
Weeks Ended:					
SEP. 13, 1991	12,144	11,220	11,291	12,640	89.3
SEP. 6, 1991	12,330	11,444	11,487	12,640	90.9
SEP. 14, 1990	12,535	11,477	11,576	12,497	92.6

API WEEKLY STATISTICAL BULLETIN

Week Ended September 13, 1991

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	738	8	730	5	98	342	121
Appal. No. 1	42	3	39	--	--	35	3
DISTRICT 1 TOTAL	780	11	769	5	98	377	124
Ind., Ill., Ky.	1,168	3	1,165	19	138	415	43
Minn., Wisc., Daks.	194	--	194	2	18	73	11
Okla., Kans., Mo.	396	8	388	3	30	196	5
DISTRICT 2 TOTAL	1,758	11	1,747	24	186	684	59
Inland Texas	321	25	296	23	43	118	17
Texas Gulf Coast	1,512	1	1,511	20	340	596	195
La. Gulf Coast	1,256	11	1,245	11	269	643	140
N. La. and Ark.	52	--	52	5	8	46	11
New Mexico	50	8	42	5	2	18	1
DISTRICT 3 TOTAL	3,191	45	3,146	64	662	1,421	364
DISTRICT 4 TOTAL	276	51	225	10	24	130	10
DISTRICT 5 TOTAL	1,265	168	1,097	47	374	495	327
TOTAL U.S.	7,270	286	6,984	150	1,344	3,107	884
TOTAL U.S.							
Weeks Ended:							
SEP. 6, 1991	7,038	288	6,750	176	1,424	3,074	912
SEP. 14, 1990	7,394	443	6,951	201	1,432	3,009	1,040
DISTRICTS 1-4							
Weeks Ended:							
SEP. 13, 1991	6,005	118	5,887	103	970	2,612	557
SEP. 6, 1991	5,801	131	5,670	123	1,052	2,621	569
SEP. 14, 1990	6,075	212	5,863	157	1,020	2,548	614

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 13, 1991

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,071	8	4,055	8	64	607	6,387	392	--
Central Atlantic	26,060	--	21,320	4,740	103	5,931	35,193	15,905	13,900
Lower Atlantic	27,135	26	26,772	337	249	5,310	14,124	2,807	375
DISTRICT 1 TOTAL	57,266	34	52,147	5,085	416	11,848	55,704	19,104	14,275
DISTRICT 2 TOTAL	58,276	926	50,324	7,026	833	9,087	32,786	3,725	16,808
DISTRICT 3 TOTAL	62,302	573	45,865	15,864	1,940	15,601	29,554	14,691	52,659
DISTRICT 4 TOTAL	5,314	966	2,907	1,441	239	800	3,199	456	2,039
DISTRICT 5 TOTAL	30,078	4,254	17,661	8,163	1,620	6,948	11,614	8,195	23,946
TOTAL U.S.	213,236	6,753	168,904	37,579	5,048	44,284	132,857	46,171	109,727
TOTAL U.S.									
Weeks Ended:									
SEP. 6, 1991	212,895	6,569	168,492	37,834	5,306	43,312	130,072	46,516	108,840
SEP. 14, 1990	216,980	10,497	166,433	40,050	6,162	42,589	133,298	49,346	111,626
DISTRICTS 1-4									
Weeks Ended:									
SEP. 13, 1991	183,158	2,499	151,243	29,416	3,428	37,336	121,243	37,976	85,781
SEP. 6, 1991	183,518	2,529	151,179	29,810	3,571	36,981	119,135	38,162	84,581
SEP. 14, 1990	186,649	5,356	150,129	31,164	4,668	36,353	121,326	42,763	86,148

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline.²Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 13, 1991

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API Monthly	Latest Dept. of Energy April 1991	Total	From Canada	
Daily Average					
DISTRICTS 1-4 TOTAL					
SEP. 13, 1991	4,476.0	4,672.0	5,455	629	262,258
SEP. 6, 1991	4,491.0*	--	6,004	686	264,942*
AUG. 30, 1991	4,491.0*	--	6,000	752	269,735
AUG. 23, 1991	4,491.0*	--	6,584	796	268,679

DISTRICT 5 TOTAL

SEP. 13, 1991	2,736.0	2,761.0	148	13	73,753 #
SEP. 6, 1991	2,713.0*	--	26	11	77,397
AUG. 30, 1991	2,713.0*	--	382	19	80,532
AUG. 23, 1991	2,713.0*	--	229	10	79,937

#INCLUDES 14,584 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

TOTAL U.S.

SEP. 13, 1991	7,212.0	7,433.0	5,603	642	336,011 #
SEP. 6, 1991	7,204.0*	--	6,030	697	342,339*
AUG. 30, 1991	7,204.0*	--	6,382	771	350,267
AUG. 23, 1991	7,204.0*	--	6,813	806	348,616
SEP. 14, 1990	7,224.0 a/	--	6,033	772	369,760

a/ DOE actual for September 1990.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE¹ (In thousands of 42-gallon barrels)

Week Ended:	Current	1990 Averages		
		Absolute	Positive	Negative
SEP. 13, 1991	393	476	555	-180

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 13, 1991	15,083	70,445	165,090	11,640	262,258	73,753 #	336,011 #
SEP. 6, 1991	15,025	71,241	166,989*	11,687	264,942*	77,397	342,339*
SEP. 14, 1990	16,240	80,293	184,969	10,779	292,281	77,479	369,760

¹See definitional notes, Page 6.

*See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
		Finished Leaded	Finished Unleaded		Naphtha Type	Kerosine Type				Oils	Other	
New England	53	--	53	--	--	18	94	46	--	--	--	211
Central Atlantic	276	1	275	5	6	--	31	154	7	149	6	634
Lower Atlantic	67	--	67	--	--	16	31	--	--	--	12	126
DISTRICT 1 TOTAL												
SEP. 13, 1991	396	1	395	5	6	34	156	200	7	149	18	971
SEP. 6, 1991	239	--	239	29	7	78	190	455	8	208	27	1,241
AUG. 30, 1991	406	--	406	20	7	29	98	323	13	146	30	1,072
AUG. 23, 1991	472	--	472	20	8	63	124	535	12	217	129	1,580
DISTRICTS 2-4 TOTAL												
SEP. 13, 1991	8	--	8	--	1	--	8	35	80	351	89	572
SEP. 6, 1991	6	--	6	2	1	--	11	55	78	318	149	620
AUG. 30, 1991	13	--	13	2	1	--	5	114	128	251	176	690
AUG. 23, 1991	13	--	13	--	1	--	10	67	162	269	103	625
DISTRICT 5 TOTAL												
SEP. 13, 1991	7	--	7	--	--	2	--	6	8	7	--	30
SEP. 6, 1991	43	--	43	--	--	4	1	8	3	3	40	102
AUG. 30, 1991	12	--	12	--	--	2	1	10	4	5	2	36
AUG. 23, 1991	34	--	34	--	--	12	1	35	5	11	3	101
TOTAL U.S.												
	411	1	410	5	7	36	164	241	95	507	107	1,573
TOTAL U.S. Weeks Ended:												
SEP. 6, 1991	288	--	288	31	8	82	202	518	89	529	216	1,963
AUG. 30, 1991	431	--	431	22	8	31	104	447	145	402	208	1,798
AUG. 23, 1991	519	--	519	20	9	75	135	637	179	497	235	2,306
SEP. 14, 1990	282	--	282	50	2	43	394	398	198	599	206	2,172

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Gasoline blending components are not included in total motor gasoline imports.

³Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included. Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE
(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	AUGUST 1991	JULY 1991 ^{E/}	APRIL 1991
Florida	8.0	8.0	14.0
New York-Pennsylvania	7.0	8.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	4.0	4.0	6.0
Illinois	48.0	48.0	49.0
Indiana	6.0	6.0	9.0
Kansas	152.0	154.0	162.0
Kentucky	13.0	13.0	18.0
Michigan	48.0	50.0	52.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	15.0	16.0	16.0
Ohio	22.0	24.0	27.0
Oklahoma	270.0	272.0	308.0
North Dakota	99.0	100.0	101.0
South Dakota	4.0	5.0	5.0
Alabama	48.0	49.0	49.0
Arkansas	24.0	25.0	28.0
Mississippi	72.0	74.0	75.0
New Mexico-So. East	173.0	174.0	176.0
New Mexico-Other	11.0	13.0	14.0
North Louisiana	58.0	59.0	60.0
South Louisiana	1,017.0	1,026.0	1,065.0
Total Louisiana	1,075.0	1,085.0	1,125.0
Texas			
District 1	143.0	142.0	141.0
District 2	40.0	40.0	40.0
District 3	190.0	188.0	184.0
District 4	64.0	64.0	62.0
District 5	36.0	35.0	32.0
District 6, East Texas	92.0	93.0	101.0
Other	78.0	92.0	78.0
District 7-B	80.0	83.0	84.0
District 7-C	80.0	83.0	80.0
District 8 and 8-A	1,010.0	996.0	1,022.0
District 9	75.0	76.0	77.0
District 10	37.0	38.0	38.0
Total Texas	1,925.0	1,930.0	1,939.0
Colorado	77.0	82.0	85.0
Montana	50.0	53.0	55.0
Utah	68.0	72.0	74.0
Wyoming	271.0	274.0	276.0
Total Districts 1-4	4,491.0	4,540.0	4,672.0
Alaska	1,725.0	1,830.0	1,798.0
Arizona	0.0	0.0	0.0
California	978.0	960.0	952.0
Nevada	10.0	10.0	11.0
Total District 5	2,713.0	2,800.0	2,761.0
TOTAL U.S.	7,204.0	7,340.0 ^{E/}	7,433.0

^{E/} Revised: Data currently displayed are based on reported volumes from 38 producing companies. These volumes are estimated to represent 54.2% of lower 48 states production. When combined with reported Alaskan data, the sample represents 65.6% of total U.S. production in July.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: SEP. 13, 1991

REVISIONS

09/06/91 PAGE 4 T CRUDE OIL STOCKS

DISTRICTS 1-4 TOTAL 264,942
TOTAL U.S. 342,339

PAGE 4 B TOTAL

PAD DISTRICT 3 166,989
TOTAL PAD DISTRICTS 1-4 264,942
TOTAL U.S. 342,339